

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kim, *et al.*
Filing Date: Herewith
Title: PHASE LOCKED LOOP CIRCUIT FOR A FRACTIONAL-N
FREQUENCY SYNTHESIZER

JC879 U.S. PTO
10/038299
01/04/02

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label Number EV016570504US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC 20231.

January 4, 2002
Date

Denise M. Donahue
Denise M. Donahue

BOX PATENT APPLICATION

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ the \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ the \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s): Kim, *et al.*

Statement Under 37 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☒ Copies of cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. _____, and references that are not required to be submitted under 37 CFR 1.98.
- ☐ The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- ☐ The "concise explanation" requirement under 36 CFR 1.98(a)(3)(i) for reference___ is satisfied by:
 - ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ abstract.

It is requested the information disclosed herein be made of record in this application.

Applicant(s): Kim, *et al.*

Method of payment:

- ☐ Enclosed is a check in the amount of _____.
- ☐ Please charge Deposit Account of 50-1798 in the amount of _____.
- ☐ Two duplicate copies of this Statement are enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: January 4, 2002
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10/038,299

Sheet 1 of 1

Subst. Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Docket Number (Optional) SAM-0250 Applicant Kim, et al. Filing Date Herewith		Application Number Not yet assigned Group Art Unit 2819 Not yet assigned	
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U. S. Patent Documents

EXAMINE R	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF
H. c.	AA	5818303	10/06/98	Oishi, et al.	331	1A 07/24/97
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	Translation	
					YES	NO
AL						
AM						
AN						
AO						
AP						
AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

H. c.	AR	Brian Miller and Robert Conley, A Multiple Modulator Fractional Divider, IEEE Transactions on Instrumentation And Measurement, Vol. 40, No. 3, June 1991, pages 578-583.
	AS	
	AT	

EXAMINER Henry Choe	DATE CONSIDERED 4/11/03
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

